

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 02/02423

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06 H04L12/14 H04M15/00 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04M H04Q G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/065785 A1 (TSUDA YOSHIYUKI) 30 May 2002 (2002-05-30) paragraph [0022] paragraph [0025] paragraph [0069] paragraphs [0105]-[0107] paragraphs [0138]-[0148] abstract; figures 13,14 ---	1-13
Y	WO 01 67706 A (ERICSSON TELEFON AB L M) 13 September 2001 (2001-09-13) page 6, line 19-21 abstract; claim 1 ---	1-13 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

6 February 2003

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20.02.2003

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Information on patent family members

Inte... ional Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002065785	A1	30-05-2002	JP	2002164887 A		07-06-2002
WO 0167706	A	13-09-2001	AU	3785301 A		17-09-2001
			AU	3961001 A		17-09-2001
			WO	0167706 A2		13-09-2001
			WO	0167786 A2		13-09-2001
WO 0211468	A	07-02-2002	AU	7646901 A		13-02-2002
			WO	0211468 A2		07-02-2002
			GB	2369272 A		22-05-2002
WO 9966400	A	23-12-1999	US	6219790 B1		17-04-2001
			AU	4690199 A		05-01-2000
			WO	9966400 A2		23-12-1999
WO 0176297	A	11-10-2001	AU	5043901 A		15-10-2001
			EP	1273197 A1		08-01-2003
			WO	0176297 A1		11-10-2001